

Claims

1. A shotgun-barrel projectile (1) with an intercalation (2) for fitting into a cartridge (20),
the projectile (1) exhibiting a cylindrical free space
5 (10) on its underside, and the intercalation (2)
taking the form of a plunger (21) at its end facing
towards the projectile (1), this plunger having a
diameter adapted to the free space (10), characterised
10 in that the projectile (1) is mounted onto the plunger
(21), or conversely, and the plunger (21) is inserted
into the free space (10) and wedged in the course of
firing.
2. A shotgun-barrel projectile according to Claim 1,
characterised in that
15 - the free space (10) exhibits a projectile
spigot (12) arranged on the axis of
symmetry (22),
- the plunger (21) exhibits a bore (15) arranged on
the axis of symmetry (22),
- the projectile spigot (12) and the bore (15) are
20 substantially adapted to one another in diameter,
and
- the projectile spigot (12) and the bore (15) are
endowed with wedging elements (13, 16, 17) which
25 in the course of firing and insertion of the
plunger (21) into the free space (10) bring about
a wedging of the plunger (21) and therefore of
the intercalation (2) with the projectile (1).
3. A shotgun-barrel projectile according to Claim 2,
30 characterised in that the wedging elements (13, 16,
17) include a hollow cylindrical design of the end of
the projectile spigot (12) facing towards the
intercalation, the underside of the projectile
spigot (12) exhibiting an inwardly inclined
35 bevel (13), the bore (15) in the plunger (21)

exhibiting a hemisphere (17) arranged at the bottom, and, in addition, a diameter reduction (16) being arranged on the wall of the bore (15) above the hemisphere (17).

- 5 4. A shotgun-barrel projectile according to one of Claims 1 to 3, characterised in that a ring (8) is connected to the plunger (21) on the outer periphery of the plunger (21) via a predetermined breaking-point (9).
- 10 5. A shotgun-barrel projectile according to Claim 4, characterised in that the ring (8) is formed in one piece with the plunger (21).
6. A shotgun-barrel projectile according to Claim 4 or 5, characterised in that the ring (8) constitutes 15 a stop for the projectile base (23).
7. A shotgun-barrel projectile according to one of Claims 4 to 6, characterised in that the ring (8) is L-shaped and with one shank (8a) encompasses the projectile (1) almost as far as the nose of the 20 projectile.
8. A shotgun-barrel projectile according to Claim 7, characterised in that the one shank (8a) exhibits an inward-facing projection (24) which engages a corresponding recess (25) in the projectile (1).
- 25 9. A shotgun-barrel projectile according to one of Claims 1 to 8, characterised in that the nose of the projectile merges, via a bevel (3) with adjoining shoulder (4) running parallel to the axis of symmetry (22), with a plane face (5) running perpendicular to the axis of symmetry (22) and 30 extending as far as the outer periphery of the projectile (1).

10. A shotgun-barrel projectile according to one of
Claims 1 to 9, characterised in that the
intercalation (2) consists of a plastic material and
the projectile (1) consists of a readily deformable
material, preferably lead.
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11. A cartridge with a cartridge case (26) and with a
propelling charge (27), characterised in that a
shotgun-barrel projectile (1) with an intercalation
(2) according to one of Claims 1 to 10 is mounted on
10 the propelling charge (27).
12. Cartridge according to Claim 11, characterised in
that the upper end of the cartridge case (26) is
retracted inwards by 180° and rests on the plane
face (5).